



## SEQUENCE LISTING

<110> Van Urk, Hendrik  
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<120> Process for the Purification of Recombinant Albumin

<130> CE0253 US

<140> 09/890,297  
<141> 2002-01-04

<150> PCT/GB00/00257  
<151> 2000-01-31

<160> 16

<170> PatentIn version 3.2

<210> 1  
<211> 423  
<212> DNA  
<213> Artificial

<220>  
<223> homologous to sequence encoding *Saccharomyces cerevisiae* PMT1 gene

<400> 1  
gattggcaga agaggatatct gcttatggac atgaggggct ttggcggtga tgccaatgat 60  
gactttgttg tggagattgc caaggatctt tcaactactg aagaagctaa ggaaaacggt 120  
agggccattc aaactgtttt tagattgaga catgcatga ctggttgtta cttgttctcc 180  
cacgaagtca agcttcccaa gtgggcatat gagcaacaag aggttacttg tgctactcaa 240  
ggtatcaaac cctatcttac tggtagcttg agaccaacga aaaccattc ttggataaag 300  
aggttgatga aatagtttagc taccctgttc cgactttctt tcaaagggtg ccgactcacg 360  
ccagaatgtg gaagatcaac aaggcttact gatcatatgc tatgaatcca gtccagatct 420  
tgg 423

<210> 2  
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<212> DNA  
<213> Artificial

<220>  
<223> homologous to sequence encoding *Saccharomyces cerevisiae* PMT1 gene

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cgctctgcat agatcaatgg gagaatatct ttggaagata gaaagcgcaa cggcaaaaaa 120  
gagaacgaat atggagtaag acacaacctg tttgtttttg aagacataag agtgaataat 180

ctcaaacaca	tgtccgagag	ccaatatacc	aaagtacaat	gatggtagat	agtggtgcaa	240
aaatagctga	cggggccataa	gggaaagatg	gcaagtaatg	cagtacccat	cctaggatgt	300
aatgaagcat	ttgaacattg	aagttgagca	cagttgggtc	aacgctgaac	ccaaaacctc	360
tttgctctc	agaatagaga	aaccaaaaag	acagagaaca	aagcatactt	gcggtgactg	420
tcaccaagtg	acagcattcc	tatgaaataa	attg			454

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 <212> DNA  
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<220>  
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<400> 3		
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atttattatc	ttcattgaag	gcaagcttga acactttgac ggtagaaaga cgagcgacaa 120
ccaagaattg	cccgtcagaa	gtgagatcac aatgggtgat gttgtcctca tcgcttagga 180
ccagtttggc	taatagtttt	ctgccttgct gaggaaggac tttccatact ttaatggttt 240
ggtcttgccc	atgatcacca	gcttctggga tttattgaaa aggacagttt gatcgtttca 300
gggaatactg	acagtctttg	aatttcgcag tcttgaaacg attcagctta gaaacggcta 360
tgtctgacaa	tgatgcttca	gatagtacag atcgaggtcc tggattgg 408

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 <211> 350  
 <212> DNA  
 <213> Artificial

<220>  
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<400> 4		
gcgcaggtga	cttcttgctg	gaaaatgtgc tacaaggagg taaagaccgt gtcattgagg 60
gcctggtttg	gtctacttat	gacgattacc ctcgtcgtct gttttccatt ggtggttcga 120
ctgtgatgac	cgaatgggat	attgctaccg gtttgccctt aaacaactac gattgtaact 180
ccggtatcac	ctggagtatc	agcatcaaca caactcagga taagatatgc gtaggctgtg 240
acaatggaac	tgtagtcgtt	attgacataa gtggtggacc gggatctcta gtataagaaa 300
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<210> 5  
 <211> 391  
 <212> DNA  
 <213> Artificial

<220>  
 <223> homologous to sequence encoding *Saccharomyces cerevisiae* PMT7 gene

<400> 5

gtattgcagt	tgtagtccca	gaatgaattg	ctcttttaat	tgttcttttt	ggctggagaa	60
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ttgaatgttc	agagttgagg	ggttccatgg	tcaagtatag	gaggatccag	ctcatctagg	180
gagtggaatt	gagtactgac	actcattact	ggaagaagta	gaaagagtac	tggttttgtg	240
gtaagttcca	tatttcagat	gtctgtagat	ggtcgagcga	ggtgaacatt	tcataggaga	300
tttcagagga	gttggacttt	gaaaatggtg	acaaaaggta	gacagaagaa	aggttagaga	360
gtgcagtgat	tcaaggtggt	tgcaagaagtc	c			391

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 <212> DNA  
 <213> Artificial

<220>  
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<400> 6						
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ttgaatgttc	agagttgagg	ggttccatgg	tcaagtatag	gaggatccag	ctcatctagg	180
gagtggaatt	gagtactgac	actcattact	ggaagaagta	gaaagagtac	tggttttgtg	240
gtaagttcca	tatttcagat	gtctgtagat	ggtcgagcga	ggtgaacatt	tcataggaga	300
tttcagagga	gttggacttt	gaaaatggtg	acaaaaggta	gacagaagaa	aggttagaga	360
gtgcagtgat	tcaaggtggt	tgcaagaagtc	c			391

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 <211> 386  
 <212> DNA  
 <213> Artificial

<220>  
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ctggtacgtt	gagaccaacg	aaaaccatt	cttgataaaa	gaggttgatg	aaatagttag	180
ctatcctgtt	ccgactttct	ttcaaaagg	tgccgagcta	cacgccagaa	tgtggaagat	240
caacaagggc	ttaactgatc	atcatgtcta	tgaatccagt	ccagattctt	ggcccttcct	300
gtcagaggta	taagctactg	gtcaaaaaat	cactccaaat	tatttcatag	gtaatgctgc	360
acttggtgga	cagtcaccga	agtttg				386

<210> 8  
 <211> 406  
 <212> DNA  
 <213> Artificial

<220>  
<223> homologous to sequence encoding Saccharomyces cerevisiae PMT5 gene

<220>  
<221> misc\_feature  
<222> (122)..(122)  
<223> n is a, c, g, or t

<400> 8  
gtgttgtagt tgtagtccca cttgagtatc ttggattcgt tgcattgggtc cttgggtccat 60  
cgtcctgcat agatcaatgg gagaatatct ttggaagaag aaagcgcaac ggcaaaaaag 120  
anaacgaata tggagtaaga cacaacctgt ttgtttttga agacataaga gtgaataatc 180  
tcaaacacat gtccgagagc caatatacca aagtacaatg atggtagata gtgggtgcaa 240  
aaatagctga cgggccataa ggaaagatgg caagtaatgc agtaccatc ctaggatgta 300  
atgaagcatt tgaacattga agttgaacac agttgggtca acgctgaacc caaacctct 360  
ttgccatctc agaatagaga aaaccaaaaa gacagagaac aaagca 406

<210> 9  
<211> 21  
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<220>  
<223> modified albumin coding sequence

<400> 9  
ttaggcttat aataagctta a 21

<210> 10  
<211> 39  
<212> DNA  
<213> Artificial

<220>  
<223> oligonucleotide used for PCR mutagenesis

<400> 10  
gcataagctt tggacttctt cgccagaggt ttggtcaag 39

<210> 11  
<211> 48  
<212> DNA  
<213> Artificial

<220>  
<223> oligonucleotide used for PCR mutagenesis

<400> 11  
gcatggatcc gcggccgcga tccgtgtgga agaacgatta caacaggt 48

<210> 12  
<211> 30  
<212> DNA  
<213> Artificial

<220>  
<223> oligonucleotide used for PCR mutagenesis

<400> 12

agtcgaagct taattcttat gatttatgat 30

<210> 13  
<211> 17  
<212> DNA  
<213> Artificial

<220>  
<223> oligonucleotide used for PCR mutagenesis

<400> 13  
gttttcccag tcacgac 17

<210> 14  
<211> 29  
<212> DNA  
<213> Artificial

<220>  
<223> linker sequence

<400> 14  
ttaagagtcc aagccttagg cttataata 29

<210> 15  
<211> 29  
<212> DNA  
<213> Artificial

<220>  
<223> linker sequence

<400> 15  
agcttattat aagcctaagg cttggactc 29

<210> 16  
<211> 4  
<212> PRT  
<213> Artificial

<220>  
<223> portion of peptide encoded by linker sequence

<400> 16  
Ala Leu Gly Leu  
1